

10/525714 Sheet 1 of 1

Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. 450100-04734	SERIAL NO. Filed Concurrently Herewith
	APPLICANT Yuji SEGAWA et al.	
	FILING DATE Filed Concurrently Herewith	GROUP 1634

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

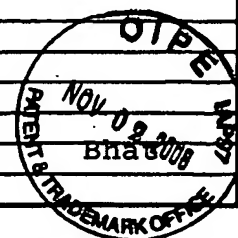
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
/NB/	AN		Translated under the supervision of Ikunoshin KATO, "DNA Micro Array", Takara Shuzo Kabushiki Kaisha, 2000, pages 173 to 190				
/NB/	AO		Washizu M. et al., Applications of electrostatic stretch-and-positioning of DNA, IEEE Transactions on Industry Applications, 1995, vol. 31, pages 447 to 456				
/NB/	AP		Masao WASHITSU, "Minagara okonau DNA Handling", Journal of the Visualization Society of Japan, 2000, vol. 76, pages 19 to 24				
/NB/	AQ		Namasivayam V. et al., Electrostretching DNA molecules using polymer-enhanced media within microfabricated devices, Anal.Chem., 2002 July, Vol. 74, pages 3378 to 3385				
/NB/	AR		Holzel R. et al., Oriented and vectorial immobilization of linear M13 dsDNA between interdigitated electrodes-towards single molecule DNA nanostructures, 2003 May, Vol. 18, pages 555 to 564				

EXAMINER  /Narayan Bhat/	DATE CONSIDERED  11/13/2007
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>				<b>Complete if Known</b>	
Application Number		10/525,714			
Filing Date		December 8, 2005			
First Named Inventor		Yuji SEGAWA et al.			
Art Unit		1634			
Examiner Name		Robert Thomas Crow			
Attorney Docket Number		09812.0373-00000			
Sheet	1	of	1		



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/NB/		US-5,583,892	12-10-1996	Brown et al.	
/NB/		US-7,010,056	03-07-2006	McCorkle et al.	
		US-			
		US-			

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
/NB/		WO 90/15070	12-13-1990	Affymax Technologies		
↓		JP 04-505763	10-08-1992	Affymax Technologies		No
↓		WO 95/35505	12-28-1995	The Board of Trustees of the Leland Stanford Junior University		
↓		JP 10-503841	04-07-1998	The Board of Trustees of the Leland Stanford Junior University		No
↓		WO 02/31986	04-18-2002	Xtremespectrum, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
/NB/		HAYASHI, "Maikuromashine to Zairyo Gijutsu (Micro-machine and Material Technology)", CMC Books, pp. 37-46, Chapter 5: Manipulation of Cells and DNA.	
/NB/		WASHIZU ET AL., "Electrostatic Manipulation of DNA in Microfabricated Structures", IEEE Transaction on Industrial Application, Vol. 26, No. 26, pages 1165-1172, 1990.	
/NB/		MICHAEL L. B. ET AL.; "Multiple Pulse Generator for Ultra-Wideband Communication Using Hermite Polynomial Based Orthogonal Pulses"; IEEE Conference on Ultra Wideband Systems and Technologies; May 21, 2002; pages 47-51.	
/NB/		WALTON M R ET AL.; "Hermite Wavelets for Multicarrier Data Transmission"; Proceedings of the South African Symposium on Communications and Signal Processing-Comsig; 6 August 1993; pages 40-45.	
/NB/		YUE YANSHENG ET AL.; "An Ultra-Wide Band Orthogonal Digital Signal Generator"; Proceedings of the International Conference on Signal Processing; Vol. 3; 21 August 2000; [pages 2086-2090.	
/NB/		TOMIZAWA YOSHIYUKI ET AL.; "Chien Sokaki o Mochiita Chirp Shingo Pulse Asshuku Chichu Rader"; IEICE Transactions of the Institute of Electronics; Information and Communication Engineers; vol. J83-B; No. 1; January 200; pages 113-120.	No

Examiner Signature	/Narayan Bhat/	Date Considered	11/13/2007
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